

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-033490

(43)Date of publication of application : 03.02.1995

(51)Int.Cl.

C04B 12/02
A61K 6/033
A61L 27/00
C01B 25/32

(21)Application number : 05-179209

(71)Applicant : MITSUBISHI MATERIALS CORP

(22)Date of filing : 20.07.1993

(72)Inventor : HIRANO MASAHIRO
TAKEUCHI HIROYASU

(54) METHOD FOR CONTROLLING HARDENING TIME OF CALCIUM PHOSPHATE CEMENT

(57)Abstract:

PURPOSE: To maintain physical properties of an obtained hardened object and to control only the hardening time without changing the composition of Ca-phosphate cement itself in order to control the hardening time since the hardening time can easily be controlled only by adjusting quantities of quart. Ca-phosphate and/or α -type tert. Ca-phosphate which are modified the surfaces, and to drastically shorten the hardening time by modifying the surface, compared with the case free from an operation of the surface modification.

CONSTITUTION: In the Ca-phosphate cement consisting of sec. Ca-phosphate, the quart. Ca-phosphate and/or the α -type tert. Ca-phosphate, when the total quantity of the sec. Ca-phosphate is mixed with the quart. Ca-phosphate and/or the α -type tert. Ca-phosphate to modify the surface by a high speed in-air flow impact process, the hardening time of the Ca-phosphate cement is controlled by adjusting the mixed quantities of the quart. Ca-phosphate and/or the α -type tert. Ca-phosphate which are mixed.

LEGAL STATUS

[Date of request for examination] 30.09.1998

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3166020

[Date of registration] 09.03.2001

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]